



Sheet 1 of 3

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Applicant

RITCHIE et al

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March 30, 2004

Group

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
TB	A	4,122,158	10/1978	Schmitt	424	27	
	B	5,098,417	03/1992	Yamazaki et al	604	304	
	C	5,227,157	07/1993	McGinity et al.	424	78.02	
	D	5,364,638	11/1994	Sugo	424	78.17	
	E	5,624,704	04/1997	Darcuiche et al	427	2.24	
	F	5,688,516	11/1997	Raad et al.	424	409	
	G	5,744,155	04/1998	Friedman et al	424	434	
	H	6,165,484	12/2000	Raad et al	424	405	
	I	6,267,979	07/2001	Raad et al	424	405	
	J	6,270,781	08/2001	Gehlsen	424	401	
	K	6,413,556	07/2002	Bathurst et al	424	757	
	L	6,509,979	01/2003	Raad et al	514	31	
	M	2003/0032605	02/2003	Raad et al	514	28	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

TB	N	Aleksun, M.N. & Levy, S.B. Regulation of Chromosomally mediated Multiple Antibiotic Resistance: The mar Regulon. <i>Antimicrob. Agents & Chemotherapy</i> 41, 2067-2075 (1997).					
TB	O	Ashworth, C. D. & Nelson D. R.. Antimicrob. Potentiation of Irrigation Solutions Containing Tris-(hydroxymethyl) aminomethane-EDTA. <i>J. Am. Vet. Med. Assoc.</i> 197, 1513-1514. (1990).					

TB	P	Bayer, M. E. & Leive L. Effect of Ethylenediaminetetraacetate Upon the Surface of <i>Escherichia coli</i> . <i>J. Bacteriol.</i> 130, (1364-1381. 1977).
TB	Q	Bjorling, D. E. & Wooley R. E. EDTA-Tromethamine Lavage as an Adjunct Treatment for Multiple Fistulas in a Dog. <i>J. Am. Vet. Med. Assoc.</i> 181, 596-597. (1982).
TB	R	Blue, J. L., Wooley R. E. & Eagon, R. G. Treatment of Experimentally Induced <i>Pseudomonas aeruginosa</i> Otitis Externa in the Dog by Lavage with EDTA-Tromethamine Lysozyme. <i>Am. J. Vet. Res.</i> 35, 1221-1223. (1974).
TB	S	Brown, M. R. W. & Richards, M. E. Effect of Ethylenediaminetetraacetate on the resistance of <i>Pseudomonas aeruginosa</i> to antibacterial agents. <i>Nature (London)</i> . 207, 1391-1393. (1965).
TB	T	Farca, A. M., Nebbia, P. & Re, G. Potentiation of the In Vitro Activity of Some Antimicrobial Agents against Selected Gram-Negative Bacteria by EDTA-Tromethamine. <i>Vet. Res. Comm.</i> 17, 77-84. (1993).
TB	U	Gerberick, G. F. & Castric, P. A. In vitro Susceptibility of <i>Pseudomonas aeruginosa</i> to Carbenicillin, Glycine, and Ethylenediaminetetraacetic Acid Combinations. <i>Antimicrob. Agents & Chemotherapy</i> . 17, 732-733. (1980).
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TB	W	Goldschmidt, M. C. & Wyse, O. The role of Tris in EDTA Toxicity and Lysozyme Lysis. <i>J. Gen. Microbiol.</i> 47, 421-431 (1967).
TB	X	Kreig, D.P., Bass, A. & Mattingly, S.J. Phosphorylcholine stimulates Capsule Formation of Phosphate-Limited Mucoid <i>Pseudomonas aeruginosa</i> . <i>Infect. Immun.</i> 56, 864-873 1988).
TB	Y	Leive, L. A Nonspecific Increase in Permeability in <i>Escherichia coli</i> Produced by EDTA. <i>Proc. Nat. Acad. Sci. USA</i> . 53, 745-750 (1968).
TB	Z	Leive, L., Shovlin, V. K. & Mergenhagen, S. E. Physical, Chemical, and Immunological Properties of Lipopolysaccharide Released from <i>Escherichia coli</i> by Ethylenediaminetetraacetate. <i>Biol. Chem.</i> 243, 6384-6391 (1968).
TB	AA	Monkhouse, D. C. & Graves, G. A. The Effect of EDTA on the Resistance of <i>Pseudomonas aeruginosa</i> to Benzalkonium, Chloride. <i>Aust. J. Pharm.</i> 48, 570-575 (1967)
TB	BB	Roberts, N. A., Gray, G. W. & Wilkinson, S. C. The Bactericidal Action of Ethylenediamine-tetraacetic Acid on <i>Pseudomonas aeruginosa</i> . <i>Microbios</i> 7-8, 189-208. (1970).
TB	CC	Russel, A. D. Effect of Magnesium Ions & Ethylenediaminetetraacetic acid on the Activity of Vancomycin against <i>Escherichia coli</i> and <i>Staphylococcus aureus</i> . <i>J. Appl. Bacteriol.</i> 30, 395-401 (1967).
TB	DD	Sabath, L. D. Synergy of Antibacterial Substances by Apparently Known Mechanisms. <i>Antimicrob. Agents & Chemotherapy</i> . 210-217 (1967).
TB	EE	Sparks, T. A., Kemp, D. T., Wooley R. E. & Gibbs, P. S. Antimicrobial Effect of Combinations of EDTA-Tris and Amikacin or Neomycin on the Microorganisms Associated with Otitis Externa in Dogs. <i>Vet. Res. Comm.</i> 18, 241-249 (1994).

FF	Wooley, R. E., Berman, A. P. & Shotts Jr, E. B. Antibiotic-Tromethamine-EDTA Lavage for the Treatment of Bacterial Rhinitis in a Dog. <i>J. Am. Vet. Med. Assoc.</i> 75, 817-818 (1979).
GG	Wooley, R. E. & Blue, J. L. In Vitro Effect of EDTA-Tris-Lysozyme Solutions on Selected Pathogenic Bacteria. <i>J. Med. Microbiol.</i> 8, 189-194 (1974).
HH	Wooley, R. E., Blue, J. L., Scott, T. A. & Belcher, M K. Attempt to Induce <i>Pseudomonas pyoderma</i> in the Dog. <i>Am. J. Vet. Res.</i> 35, 807-810 (1974).
II	Wooley, R. E., Dickerson, H. W., Siramens, K. W., Shotts Jr., E. B. & Brown, J. Effect of EDTA-Tris on an <i>Escherichia coli</i> Isolate Containing R Plasmids. <i>Vet. Microbiol.</i> 12, 65-75 (1986).
JJ	Wooley, R. E. & Jones, M. S. Action of EDTA-Tris and Antimicrobial Agent Combinations on Selected Pathogenic Bacteria. <i>Vet. Microbiol.</i> 8, 271-280 (1983).
KK	Wooley, R. E., Jones, M. S. & Shotts Jr., E. B. Uptake of Antibiotics in Gram-negative Bacteria Exposed to EDTA-Tris. <i>Vet. Microbiol.</i> 10, 57-70 (1984).
LL	Wooley, R. E., Jones, M. S., Gilbert, J. P. & Shotts Jr., E. B. In Vitro Action of Combinations of Antimicrobial Agents and EDTA-Tromethamine on <i>Escherichia coli</i> . <i>Am. J. Vet. Res.</i> 44, 1154-1158 (1983a).
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PP	Wooley, R. E., Schall, W. D., Eagon, R. G. & Scott, A. A. S. Efficacy of EDTA-Tris-Lysozyme Lavage in the Treatment of Experimentally Induced <i>Pseudomonas aeruginosa</i> Cystitis in the Dog. <i>Am. J. Vet. Res.</i> 35, 27-29 (1974).
QQ	Youngquist, R.S. <i>Pseudomonas metritis</i> in a mare. <i>Vet. Med./Small An. Clinician</i> 70, 340-342 (1975).
RR	Wooley, R.E., Sander, J.E., Maurer, J.J., Gibbs, P.S. In Vitro Effect of Ethylenediaminetetraacetic Acid-Tris on the Efficacy of Hatchery Disinfectants. <i>Avian Diseases</i> 44, 901-906 (2000).
SS	Wooley, R.E., Blue, J.L., Campbell, L.M., Attempted Reversal of Oxytetracycline Resistance of <i>Proteus mirabilis</i> by EDTA-Tromethamine Lavage in Experimentally Induced Canine and Feline Cystitis. <i>Am. J. Vet. Res.</i> 36, 1533-1535 (1975).
TT	Wooley, R.E., Gilbert, J.P., Shotts, Jr., E.B., Inhibitory Effects of Combinations of Oxytetracycline, Dimethyl Sulfoxide, and EDTA-Tromethamine on <i>Escherichia coli</i> . <i>Am. J. Vet. Res.</i> 42, 2010-2013(1981).